

Automated Cadastral Survey Request and Database  
June 14, 2002

LOCATION INFORMATION

-Name

-Agency making request

\*Fields: Bureau of Indian Affairs, Tribe, Bureau of Land Management, Forest Service, Corps of Engineers, Park Service, Fish & Wildlife Service, Bureau of Reclamation, Federal Highway Administration, Bonneville Power Administration, National Interagency Fire Center, U.S. Navy, U.S. Army, U.S. Air Force, other military, other Federal, State agency, County agency, City agency, other non-Federal.

-BLM State Office

\*Fields: Alaska, Arizona, California (responsibility for Hawaii and South Pacific islands), Colorado, Eastern States, Idaho, Montana (responsibility for North and South Dakota), Nevada, New Mexico (responsibility for Kansas, Oklahoma and Texas), Oregon (responsibility for Washington), Utah, Wyoming (responsibility for Nebraska)

-BLM District/Field Office (pull down menu)

(Example breakdown:

-Agency Making Request

Fields: Bureau of Land Management

-BLM State Office

Fields: California

-BLM District/Field Office

Fields: Redding

-Mailing address

-Phone Number

-Email address

-BLM Project/Survey Office

-State

-Congressional district

-Meridian

-Township

-Range

-Section

-Aliquot part(s)

-Lot(s)

-Metes and Bounds

-Subdivision, Lot & Block

-Approximate Acreage

-Other

PRIORITIZATION INFORMATION

-Litigation (Court Required)

\* Judicially Required Date

\* Potential

- Legislation (Required by)
  - \*Required Date (if specified)
- National Energy Plan, non-renewable energy (oil, gas, coal, other minerals, rights-of-way)
- National Energy Plan, renewable resources (wind, solar, geothermal, biomass, rights of way)
- National Landscape Conservation System
- Recreation and Visitor Services (outside the NLCS)
- Resource Protection
- Homeland Security
- Other Programs, Management of Lands and Resources
- Wildland Fire Management
- Land Acquisition
- Central Hazardous Materials Fund
- Oregon and California Land Grants

Other possible priority drivers, should fall under the above categories.

- Jurisdictional Disputes (trespass, etc.)
- Boundary Management Needs
  - \*New legal needed for title transfer
  - \*Energy/oil/gas/coal location
  - \*Cultural protection
- Condition of Existing Survey
  - \*No survey exists, original survey needed in area with many needs
  - \*Original survey prior to 1910 with substandard monumentation
  - \*Original survey with known distortion problems
  - \*Known river movement with boundary changes
  - \*Known conflicts with private surveys

#### GIS/GCDB NEEDS

- Cadastral Infrastructure
  - \*Boundary base layer
  - \*Inventory of surveyed lines
  - \*Develop corner search coordinates
  - \*Identify areas with survey problems
  - \*Review quality of private surveys
- G.P.S. control
  - \*Design and data gathering
  - \*Aerial photo control
- County Land Records
  - \*Gathering & analysis
  - \*Conversion to digital format
- Land Status Review
  - \*Identify land records problems/conflicts

### SURVEY NEEDS INFORMATION

- Consultation needed first
  - \*Review administrative/private surveys and recommendation
  - \*Review land records for conflicts/problem resolution
  - \*Evaluate need where no survey exists, possible amended protraction diagram (APD) production
  - \*Supplemental plat in lieu of survey
- Approx. number of monuments to establish
  - \*See Form which follows to identify specific corner needs
- Miles of survey required
- Requirement to mark/post/blaze property lines
- Required field completion date, if applicable
- Required office completion date, if applicable
- Tangible economic benefit expected from survey (in \$1000's of dollars)

### ESTIMATE INFORMATION

- BLM estimates
  - \*Miles of survey needed
  - \*Number of monuments needed
  - \*Cost of survey
  - \*Time frame to conduct survey
  - \*Availability of resources (people, contracting, etc.)